Appl. No. 10/570,902

Amendment dated August 18, 2011

Response to the Office Action of March 23, 2011

IN THE CLAIMS:

This listing of claims below will replace all prior versions, and listings, of claims in the

Attorney Docket No.: 4781.1074

application:

**Listing of Claims:** 

Claim 1 (Currently amended): A method of making a dry powder composition for pulmonary

inhalation, the method comprising spray drying a pharmaceutically active agent in a spray dryer

to produce active particles, wherein the step of spray drying further includes producing droplets

moving at a controlled velocity, wherein the active agent is co-spray dried with a force control

agent which has hydrophobic moieties, the force control agent being concentrated on the surface

of the particles, wherein the active agent comprises 90-98% w/w heparin and the force control

agent is 2-10% w/w leucine, and wherein the composition exhibits has a fine particle fraction (<5

μm) (metered dose) of at least 40% and wherein the powder has a tapped density of at least 0.5

g/cc of between 40 and 70%.

Claim 2 (Canceled):.

Claim 3-5 (Canceled):

Claim 6 (Previously presented): A method as claimed in claim 1, wherein 90% of the resulting

dried particles have a size of less than 5µm, as measured by laser diffraction.

Claim 7 (Previously presented): A method as claimed in claim 6, wherein 90% of the resulting

dried particles have a size of less than 2.5 µm, as measured by laser diffraction.

Claim 8-10 (Canceled):

2

Appl. No. 10/570,902

Amendment dated August 18, 2011

Response to the Office Action of March 23, 2011

Claim 11 (Previously presented): A method as claimed in claim 1, wherein a blend of active

Attorney Docket No.: 4781.1074

agent and force control agent is spray dried, and the blend is a solution

Claim 12 (Previously presented): A method as claimed in claim 1, wherein a blend of active

agent and force control agent is spray dried, and the blend is a suspension.

Claim 13 (Previously presented): A method as claimed in claim 11, wherein the active agent and

force control agent are spray dried from an aqueous solution or suspension

Claim 14 (Previously presented): A method as claimed in claim 1, wherein the active agent is co-

spray dried with a force control agent to produce dry particles comprising up to 20% w/w force

control agent.

Claim 15 (Previously presented): A method as claimed in claim 1, wherein the method further

comprises adjusting the moisture content of the spray dried particles.

Claims 16 to 24 (Canceled).

Claim 25-26 (Canceled):

Claim 26 (Canceled):

Claim 27 (Previously presented): The method of claim 1, wherein the dry powder composition

has a fine particle fraction of at least 50%.

Claim 28 (Previously presented): The method of claim 1, wherein the dry powder composition

has a fine particle fraction of at least 60%.

3

Appl. No. 10/570,902 Amendment dated August 18, 2011 Response to the Office Action of March 23, 2011

Claim 29 (Previously presented): The method of claim 1, wherein the dry powder composition has a fine particle fraction of at least 70%.

Attorney Docket No.: 4781.1074